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5GHz 8dBi Weather Proof Omni Directional Antenna

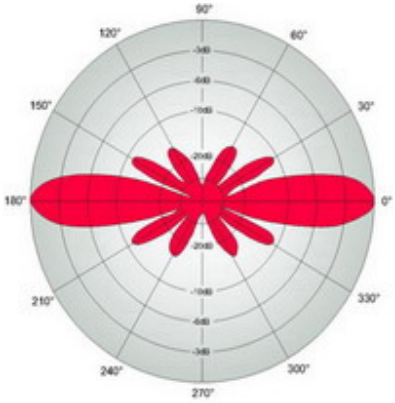
Part Numbers:
TCANT105 1 metre lead RP-SMA connector
TCANT106 5 metre lead RP-SMA connector
TCANT109 1 metre 1ead N Type connector
TCANT109/5 5 metre 1ead N Type connector
TCANT120 1 metre lead RP-TNC connector
TCANT121 5 metre lead RP-TNC connector

Note: Differing Cable lengths and connectors can be supplied on request.

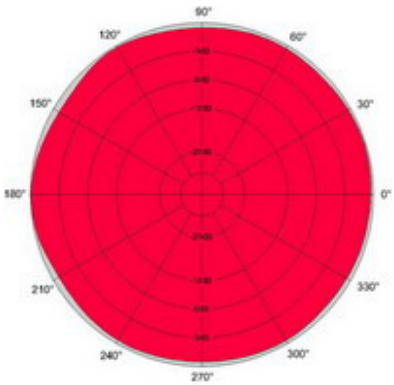
Electrical Specification

Frequency	5.150-5.875 GHz (Bands A,B C)
Polarisation	Vertical
Impedance	50 Ω
VSWR	<2:1
Return Loss	better than –12 dB over BW
Gain	+8 dBi
Maximum Power	50 watts continuous
Connector	RP-SMA
Radiating Element	brass tubing, PCB
Radiating Pattern	Omni Directional

E Plane Pattern



H Plane Pattern



Mechanical Specification

Length	205 mm
Diameter	29 mm max.
Weight	135 gms
Radome material	GRP

Colour White
Base Delrin™
2002/95/EC (RoHS) compliant
Operating temperature range - 30°C to + 80°C
Storage temperature range - 30°C to + 80°C

It is completely weatherproof and is therefore suitable for either inside or outside mounting.

18-11-08